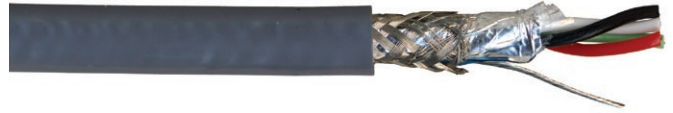


HCY SERIES

High Performance Flexible Paired Overall Foil and Braid Screened Tinned Data Cable 110V 75°C



APPLICATIONS:

BUS Systems Extra low capacitance cable suitable for RS485, POS and building and home BUS automation systems.

E.L.V Signal and Controls (Does not exceed 50V AC or 120V DC Ripple Free) Fixed wiring E.L.V power control or signal cables on machines, conveying equipment or similar industrial applications.

Marine Tinned copper conductors for use in marine applications.

PRODUCT FEATURES:

- ▶ Very fine stranded copper conductor
- ▶ High flexibility
- ▶ Prevents external interference
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (*See Technical Section*)

CONSTRUCTION:

Conductor Annealed tinned copper stranded high flexibility (Class 5).

Insulation Polypropylene 90°C.

Screening Overall aluminium foil screen c/w drain wire plus overall tinned copper braid screen 85% coverage.

Sheath Special SPVC.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 75°C.

Maximum Conductor Temperature 90°C.

Rated Voltage 110VRMS/150VDC.

Minimum Bending Radius Fixed 10 x cable diameter

Sheath Colour Grey.

Standard Core Colours

1 Pair – Red/Black.

2 Pair – Black/White & Red/Green.

Resistance Maximum 87.24 ohms/km at 20°C.

Capacitance Nominal wire to wire pF/M 40.

Characteristic Impedance 120ohms.

Relevant Standards AS/NZS 1125, IEC 60332-1,

RoHS Compliant.

Code	No. of Cores x Size (mm ²)	Nearest AWG	Approx. Stranding No. of wires x mm	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)
HCY366	1 pair x 0.22	24	7/0.20	6.1	50
HCY097	2 pair x 0.22	24	7/.020	7.9	96